

BURST SIGNAL DETECTION CIRCUIT

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ABSTRACT OF THE DISCLOSURE

10 A burst signal detection circuit for detecting the  
arrival of a burst-like signal, which can accurately  
detect the burst signal against the DC level variations  
even in the case where the arriving burst signal is a  
weak signal, is disclosed. A DC variation removing  
circuit detects the bottom level of an input signal and  
removes the DC level variation of the input signal based  
15 on the bottom level. An amplitude identifying circuit  
detects the presence or absence of a burst signal based  
on the output signal of the DC variation removing  
circuit. The amplitude identifying circuit includes an  
amplitude detection circuit for detecting the maximum  
20 amplitude of the output signal of the DC variation  
removing circuit, a threshold level control circuit for  
controlling the threshold level and a comparator for  
comparing the output level of the amplitude detection  
circuit with the threshold level and outputting a  
25 detection signal indicating the presence or absence of a  
burst signal.